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June 13, 2005

From: Curtis A. Vock

Matter No.: 393551

| To:   | Company:                    | Fax Number:  |
|---|-----------------------------|--------------|
| Commissioner for Patents<br>Examiner Quang T. Van<br>Technology Center 3742 | United States Patent Office | 703-872-9306 |

Number of Pages Transmitted (including this cover sheet): 16

U.S. Patent Serial No.: 09/976,210

Filed: 11 October 2001

Entitled: High Frequency Melting of Interfacial Ice

Attorney Docket Number: 393551

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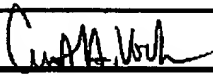
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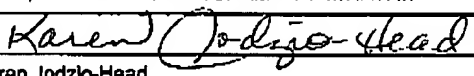
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|  |                      |                        |        |
|--|----------------------|------------------------|--------|
| <b>TRANSMITTAL<br/>FORM</b>                              | Application Number   | 09/976,210             |        |
|  | Filing Date          | 11 October 2001        |        |
|  | First Named Inventor | Victor F. Petrenko     |        |
|  | Art Unit             | 3742                   |        |
|  | Examiner Name        | Van, Quang T.          |        |
| (to be used for all correspondence after initial filing) |                      |                        |        |
| Total Number of Pages in This Submission                 | 16                   | Attorney Docket Number | 393651 |


| ENCLOSURES (check all that apply)  |  |   |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Facsimile Cover Sheet; Certificate of Facsimile Transmission |
| <div style="border: 1px solid black; padding: 2px;">Remarks</div>  |  |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |          |        |
|--|---|----------|--------|
| Firm                                       | LATHROP & GAGE LC   |          |        |
| Signature                                  |  |          |        |
| Printed Name                               | Curtis A. Vock  |          |        |
| Date                                       | June 13, 2005   | Reg. No. | 38,356 |

| CERTIFICATE OF MAILING 37 CFR 1.8   |   |      |               |
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| Typed or printed name   | Karen Jodzko-Head   | Date | June 13, 2005 |

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| <b>CERTIFICATE OF FACSIMILE TRANSMISSION 37 CFR 1.8</b>  |                    |                 | <b>Matter No.</b>     |
| Applicant(s): Victor F. Petrenko   |                    |                 | 393551                |
| <b>Serial No.</b>  | <b>Filing Date</b> | <b>Examiner</b> | <b>Group Art Unit</b> |
| 09/976,210   | 11 October 2001    | Van, Quang T.   | 3742                  |
| <b>Invention</b> <b>HIGH FREQUENCY MELTING OF INTERFACIAL ICE</b>  |                    |                 |                       |
| <p>I hereby certify that this: Response To Office Action of March 14, 2005 (13 pages); Transmittal Form SB-21 (1 page) and Facsimile Cover Sheet (1 page) are being sent via facsimile transmission to Mail Stop Amendment, Commission For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 13th day of June, 2005</p> |                    |                 |                       |
| <div style="text-align: right;"><b>Karen Jodzio-Head</b><br/>Name of Transmitter</div>   |                    |                 |                       |
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**PATENT**  
Atty. Docket No. 393551  
USPTO Facsimile Number: (703) 872-9306

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 09/976,210  
Applicant : Victor F. Petrenko  
Filed : 11 October 2001  
Title : HIGH FREQUENCY MELTING OF INTERFACIAL  
ICE  
TC/A.U. : 3742  
Examiner : VAN, QUANG T  
Confirmation No. : 1402

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6/13/05  
DATE

  
Karen Jodzio-Head

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P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

These remarks are responsive to the non-final Office Action of March 14, 2005. Please amend the above-identified application as follows:

**Amendments to the specification begin on page 2 of this paper.**

**Amendments to the claims begin on page 4 of this paper.**

**Remarks/Arguments begin on page 7 of this paper.**

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Page 1 of 13

Response to Third Office Action in Application No. 09/976,210